

PRELIMINARY AMENDMENT

Please amend the claims as shown directly below. This listing of claims will replace all prior versions, and listings, of claims in the application

1.-20. (Cancelled)

21. (Currently Amended) A proppant composition comprising a particulate material wherein the particulate material has been coated with a coating composition comprising ~~associated with~~ a tracking composition and a resin composition, wherein the tracking composition comprises a substantially non-radioactive tracking material selected from the group consisting of:

a metal salt wherein the metal portion is selected from the group consisting of gold, silver, copper, aluminum, cobalt, iron, lithium, magnesium, molybdenum, nickel, phosphorus, lead, titanium, and vanadium; and

a metal salt selected from the group consisting of barium bromide, barium iodide, beryllium fluoride, beryllium bromide, beryllium chloride, cadmium bromide, cadmium chloride, cadmium iodide, cadmium nitrate, chromium bromide, chromium chloride, chromium iodide, cesium bromide, cesium chloride, sodium bromide, sodium iodide, sodium nitrate, sodium nitrite, potassium iodide, potassium nitrate, manganese bromide, manganese chloride, zinc bromide, zinc chloride, zinc iodide, sodium monofluoroacetate, sodium trifluoroacetate, sodium 3-fluoropropionate, potassium monofluoroacetate, potassium trifluoroacetate, and potassium 3-fluoropropionate.

~~water soluble inorganic salts, water soluble organic salts, metals, metal salts of organic acids, metal oxides, metal sulfates, metal phosphates, metal carbonates, metal salts, phosphorescent pigments, fluorescent pigments, photoluminescent pigments, oil soluble dyes, oil dispersible dyes and oil dispersible pigments.~~

22.-28. (Cancelled)

29. (Previously Presented) A proppant composition according to claim 21, wherein the particulate material is selected from the group consisting of fibrous materials, tackifying agents, and deformable beads.

30. (Cancelled)

31. (Previously Presented) A proppant composition according to claim 21, further comprising a particulate material tagged with the tracking material.

32.-36. (Cancelled)

37. (Previously Presented) A proppant composition according to claim 21, wherein the resin composition and the tracking composition are a homogenous blend that is coated on the particulate material.

38.-43. (Cancelled)

44. (New) A proppant composition comprising a particulate material wherein the particulate material has been coated with a coating composition comprising a tracking composition, wherein the tracking composition comprises a substantially non-radioactive tracking material selected from the group consisting of:

a metal salt wherein the metal portion is selected from the group consisting of gold, silver, copper, aluminum, cobalt, iron, lithium, magnesium, molybdenum, nickel, phosphorus, lead, titanium, and vanadium; and

a metal salt selected from the group consisting of barium bromide, barium iodide, beryllium fluoride, beryllium bromide, beryllium chloride, cadmium bromide, cadmium chloride, cadmium iodide, cadmium nitrate, chromium bromide, chromium chloride, chromium iodide, cesium bromide, cesium chloride, sodium bromide, sodium iodide, sodium nitrate, sodium nitrite, potassium iodide, potassium nitrate, manganese bromide, manganese chloride, zinc bromide, zinc chloride, zinc iodide, sodium monofluoroacetate, sodium trifluoroacetate, sodium 3-fluoropropionate, potassium monofluoroacetate, potassium trifluoroacetate, and potassium 3-fluoropropionate.

45. (New) A proppant composition according to claim 44, wherein the particulate material is selected from the group consisting of fibrous materials, tackifying agents, and deformable beads.

46. (New) A proppant composition according to claim 44, further comprising a particulate material tagged with the tracking material.

47. (New) A proppant composition according to claim 44, wherein the coating composition further comprises a resin composition.

48. (New) A proppant composition according to claim 47, wherein the resin composition and the tracking composition are a homogenous blend that is coated on the particulate material.